

COMPLETION and WORKOVER

WELL : LO6-19

DATE	REMARKS
13/06/94	CASING AND CEMENT REPORT Ran 18" COND. 70.59 # at 383' Shoe at 383' Cemented with 200 sx cement. Cement top at surface.
06/07/94	CASING AND CEMENT REPORT Ran 39 jts of 13 3/8" csg. K55 , 54.5 # at 1711' Shoe at 1709' Cemented with 1200 sx cement. Cement top at surface.
08/08/94	CASING AND CEMENT REPORT Ran 135 jts of 9 5/8" csg. N80 , 43.5 # at 5417' Shoe at 5415' Cemented with 2700 sx cement. Cement top at surface.
20/10/94	HALLIBURTON run logs: DLL-MSFL-GR from 8536'-5394' DLD-CNT-GR from 8500'-5394' CBL-CCL-GR from 8363'-6000'
25/10/94	CASING AND CEMENT REPORT Ran 192 jts of 5 1/2" csg. N80 , 17/20 # at 8090' Shoe at 8490' Cemented with 1800 sx cement. Cement top at 5900'.
26/10/94	Tomó registro CBL-CCL-GR de 8360'-6000' con 1500 psi. Desplazo agua por Diesel.Swabeo hasta 3500'. HLS Balea 1era.etapa formacion LOWER MOGOLLON intervalos: 1era.Corrida 8356'-8354' con 8 tiros. Presion 0 zero psi. 8342'-8341' con 4 tiros. 8336'-8320' con 64 tiros. 2da. Corrida 8320'-8310' con 40 tiros. Presion 0 zero psi. 8302'-8290' con 16 tiros. Nivel fluido 3250' Tomó BHP cada 500'por 5 minutos en punto intermedio de baleo (8326') por 30 minutos.

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	Muestra No.1	Muestra No.2	Muestra No.3
HORA	5:30 PM	11:00 PM	11:30 PM
SP-GR	1.024	1.021	1.021
CLORU.(Titulacion)	18460	18105	18282.5
NaCl (titulacion)	30459	29873.25	30166.125
Resistividad	0.22	0.23	0.23
°F	82	79	81
NaCl (Tabla)	26000	26000	25500
PH	8.26	7.81	8.17

PRUEBAS INICIALES DEL POZO

FECHA	BOPD	BWOP	GOR	CHOKE	PSI
10-31-94	361	11	-	1/2"	600
Csg. 5 1/2"					
11-01-94	262	8	-	1/2"	800
Csg. 5 1/2"					
11-09-94	302	38	-	1/2"	890
Csg. 5 1/2"					

07/11/94

RIG P-40 Skid rig over well.Bleed off well.Attempt to kill well.Could not get kill same.Well came off with 920 psi (oil & frac sand) Production manifold washed olt.Preparing TREATED WATER to kill well. Preparing production manifold Repair production lines.attempt to kill well with TREATED WATER negative Halliburton make up lines.Attempt to kill well with TREATED WATER (9.9Gal)negative.Well on production.

03/04/95

PETREX-114 Skid rig over well.N/U BOPs Make up Rotary Table ;Bleeding off well (740 psi) Continue bleeding off.Brazos Express Lines. Bleeding of well.Killed well with 177 bbls of mud with 11.3 PPG. RIH with 4 5/8" BIT and H90 TBG to 7540';circulate OK.POOH H90 TBG RIH with Tooth Saw Shoe to clean out sand at 7637'.Circulate and rotating to 7552';could not pass;POOH RIH with scraper to 7476'POOH work got stuck pipe at 300',continue working and free pipe;POOH . Recover Slip Nut;RIH with Saw Tooth Shoe to 7471',circulate and totating with Torque;could not pass;POOH H90 TBG,continue POOH H90 TBG.to Set Elite Plug at 6670'.Test with 2000 psi OK.RIH with Saw Tooth Shoe,displace Mud by Diesel POOH with Saw Tooth Shoe. Perforate well from 6482'-6401' formation MOGOLLON. RIH with RTTS Packer and HYDRO SPRING to 6373'; Swabbed

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Prueba de formacion con toma de fluido. Sienta packer
RTTS con Hydro
Spring a 8205'.
Descarga PKr, recupera muestras. Pozo acumula 40
psi. recupera 2 bbls
Crudo-diesel) 7 bbls Agua.
Analisis muestras (Avg)
Intervalo = 8356'-8298' formacion LOWER BASAL
SALINA.
Muertreo = 10-29-94
API = 36 del crudo recuperado.
ANALISIS DE AGUA

Muestra	Muestra No.1	Muestra No.2	Muestra No.3	Muestra No.4
No.5	No.6			
SP -GR	1.024	1.024	1.021	1.024
1.021	1.021			
Cloruros	15620	18105	18460	17750
17927.5	17040			
Na Cl(Tit)	25773	298773.25	30459	29287.5
29580.3	28116			
Resist.	0.25	0.24	0.23	0.23
0.24	0.26			
°F	73	73	73	73
74	73			
NaCL(Tab.)	2600	26000	26000	26000
26000	25000			
PH	8.64	9.60	8.65	9.72
9.61	8.74			

Sienta tapón Speed-e-Line a 7800'
Balea 2da. etapa formacion MOGOLLON intervalos:
1era. corrida de 7666'-7654' con 48 tiros Presion 0
psi.
7640'-7636' con 16 tiros Nivel de
fluido 2050'

7628'-7618 con 40 tiros.
2da. corrida de 7618'-7608' con 40 tiros.
7606'-7586' con 80 tiros.
Produccion En las 4 primeras horas(acumulado)
BOP GOR CHOKE PSI
99 4600 1/2" 600

10-30-94 Fracturamiento con MYT-OIL IV formacion
MOGOLLON intervalo
de 7666'-7618', con 25,600 gls y 265 sx de arena 20/40.
Presion Maxima = 5000 psi.
Presion Avg. = 3000 psi.
Presion 15 min. = 1000 psi.
Rate = 18 BPM.

ANALISIS DE AGUA

Antes del Frac.
Intervalo = 7666'-7586' formacion BASAL SALINA.
Muestreo = 10-29-94

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20/04/95

and teat well
POOH with RTTS Packer installed lubricator and testing well.
04-11-95 WELL FRAC from 6482'-6401' Formation MOGOLLON.
Perforate from 6294'-6231' foramation
RIH with Saw Tooth Shoe;Bleed off well.Go on RIH to 6380',circulating
POOH.
Perforate and frac from 6294'-6071' formation MOGOLLON.
on 2 stages.Test well.Rig down.
PETREX-117 Skidded rig over well.Preparing to RIH with Saw Tooth Shoe
to 6038'Clean out sand top at 6477',continue clean out sand to 6570'
(plug top) POOH Trip with scraper to 6570';RIH with Conventional
Installation ;L/D BOPs.Attempting Set R-4 Packer loose weigt on string
Pull out one joint;N/U BOPs and RIH with 17 joints.Fish top at 517'
Screw and POOH,wait for material;RIH with Conventional installation
S.N at 6076'.Test well OK.