

SJOET Well Work Procedure

Bassett B 1

Version: #1
Date: April 29, 1996
Budget: PxA-DRA/Repair
Repair Type: CMT SQZ/Selective Test

Objectives:

1. Remove PKR, selective test of middle Menefee and cement SQZ CH Perfs
 2. Eliminate logging/loading and increase production
 3. Land TBG mid-perfs and place well back on production
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Pertinent Information:

Location:	1720' FNLx950'FWL; Sect 33E-T30N-R10W	Horizon:	FT/MV
County:	San Juan	API #:	30-045-24194
State:	New Mexico	Engr:	Kutas
Lease:	Federal NM-03998	Phone:	H--(303)840-3700
Well Flac:	97965201		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	100%	Prod. Before Repair:	65 MCFD
Estimated Cost:	\$8,000	Anticipated Prod.:	175 MCFD
Payout:	3 Months		
Max Cost -12 Mo. P.O.	\$34,000		
CH Abandonment Cost	\$17,000		
Total Est'd Cost	\$25,000		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	4335'
Ojo Alamo:		Point Lookout:	4832'
Kirtland Shale:		Mancos Shale:	5118'
Fruitland:		Gallup:	
Pictured Cliffs:		Graneros:	
Lewis Shale:		Dakota:	
Cliff House	4210'	Morrison:	

Bradenhead Test Information:

Test Date: 8/94 Tubing: 269 Casing: 0 BH: 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

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Orig. Comp. 4/80

TD = 5245', PBD = 5041'

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1. Check and record tubing, casing and bradenhead pressures.
2. *NuBOP*
Release Baker R-3 Packer and tally out of hole with TBG and packer (2 3/8" TSA 4619' w/ PKR). **All attempts should be made to work well hot; use kill water only if needed to work well safely.**
3. TIH with TBG, PKR, and RBP; set BP at 4600', set PKR at 4595' and pressure test BP; raise and set PKR at 4450'. Swab and flow well to evaluate perfs at 4506-10' and 4543-54'. Report results to Mike Kutas in Denver at 303/830-5159.
Note: If these Menefee intervals test wet, they will be squeezed with the wet Cliff House perf intervals
4. RU HES wireline. Set CIBP on wireline at 4300'. TIH with TBG and RTTS PKR, set PKR at 4295' and pressure test BP; raise and set PKR at 4100'; SQZ FC perfs at 4195-4286' w/100 sxs Class B +0.3% Halad-344 + 5% Calseal; SDON.
5. TOH with TBG and PKR, TIH with TBG and BXS and drill cement through CH perfs, pressure test SQZ to 500 PSI, drill up CIBP. TIH and tag for fill, C/O fill to PBD at 5041' (minimum C/O depth = 4950', if problems are encountered). TOH with TBG and BXS.
6. TIH with 2 3/8" TBG with 1/2 mule shoe on bottom and SN 1 jt off bottom. Land TBG at 4905-15'. Tie well back into surface equipment and turn over to production.

If problems are encountered, please contact:

Mike Kutas

(W) (303) 830-5159

(H) (303)840-3700

(P) (303)553-6334