UNITED STATES

	UNITED STATES DEPARTMENT OF THE INTERIOR					
BUREAU OF LAND	MANAGEMENT NOV 201)1	5. Lease Scrial No. SF 078433			
APPLICATION FOR PERMIT	TO DRILL OR REENTER		6. If Indian, Allottee or Tril	oc Name		
la. Type of Work: ☑ DRILL ☐ REENTER			If Unit or CA Agreemen Lease Name and Well No.	/8/0		
1b. Type of Well: ☐ Oil Well Gas Well ☐ Oil	her Single Zone	☐ Multiple Zone		SOM 15E		
2. Name of Operator CONOCO INC.	KIM SOUTHALL E-Mail: kim.j.southall2@usa.	conoco.com	9. API Well No. 30 - 045.	-3068 C		
3a. Address 10 DESTA DRIVE, SUITE 607W MIDLAND, TX 79705	1	Ph; 915.686.5565 Fx: 915.686.6503 BASIN DAKOTA				
4. Location of Well (Report location clearly and in accord	ance with any State requirements.*) 🖡	I TERED FMSS	11. Sec., T., R., M., or Blk.	and Survey or Area		
At surface NWSE 1725FSL 1795FEL		J Sec 18 T26N R8W Mer NMP				
At proposed prod. zone	2 9 2001	•				
14. Distance in miles and direction from nearest town or post	office* BY		12. County or Parish SAN JUAN	13. State NM		
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease		17. Spacing Unit dedicated			
rease time, it. (Atiso to heatest erig. unit line, it may)	320.00		320.0	o Es		
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on file			
completed, applied for, on this lease, it.	6668 MD		-			
21. Elevations (Show whether DF, KB, RT, GL, etc. 6222 GL	22. Approximate date work will s	art	23. Estimated duration			
	24. Attachments					
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1,	shall be attached to	this form:			
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Supplied to the Supplied of the Supplie	tem Lands, the 5. Opera 6. Such 6	0 above). tor certification	ons unless covered by an existi			
25. Signature	Name (Printed/Typed) KIM SOUTHALL			Date 05/23/2001		
Title SUBMITTING CONTACT						
Approved by (Signature) /s/ Jim Lovato	Name (Printed/Typed)			NOV - 8		
Title	Office					
Application approval does not warrant or certify the applicant for operations thereon. Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or represent	make it a crime for any person know ations as to any matter within its jurise	ngly and willfully t liction.	o make to any department or a	gency of the United		
Additional Operator Remarks (see next page) Electronic Submi	ssion #4483 verified by the E or CONOCO INC., sent to the	LM Well Inform	nation System			

Committed to AFMSS for processing by Maurice Johnson on 05/29/2001 ()

procederal review paragonal to the city \$168.3 and appeal pursuant to 43 OFR 3185.4.

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Eistrict I PC 35x 1980, Hobbs, NM 88241-1980

District II PO Drawer OD, Antesia, NM 88211-0719

District III 1000 Rio Brazos Ed. Aztec, NM 87410

District IV PC 8cx 2088, Santa Fe, NM 87564:2088

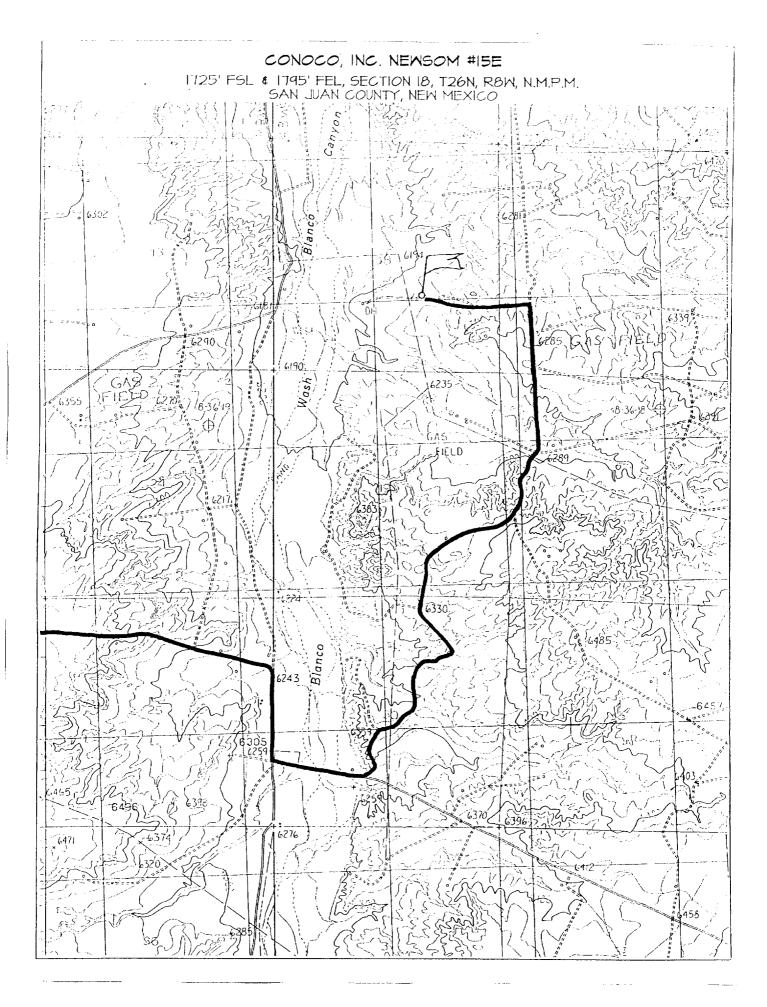
State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C 10: Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

				WELL	LOCAT	A DNA NOI	CREAGE DED	ICA	ION PL	_AT		
7		API Numbe	_		'Pool Code 'Pool Name							
20		-306	58 <i>0</i>									
1	Property	Code	'Property Name						*Well Number			
1.6.	8107	No				NEWSOM				15E		
	00507				*Operator Name CONOCO, INC.				'Elevation			
L							9555,					
U	or lot no.	Section	Township	Flange	Lot Idn	10 Sunface T Feet from the	LOCATION North/South line	F 600	t from the	5 204 AV		
	J	18	26N	8W	-	1725	SOUTH		795	East/we EA		SAN JUAN
L		<u> </u>	11 _B	ottom	Hole L	.ocation I	f Different		m Surf			JAN OUAN
UL	or lot no.	Section	Township	Pange	Lot Idn	Feet from the	North/South line		t from the	East/We	st line	County
₽ De	dicated Acres	320	0 Acres	(E /2)		13 Joint or Infill	14 Consolidation Code	15 Onder	No.			
		JCU.	U ALIES	(C/2)								
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PROJECT PROPOSAL - New Drill / Sidetrack



Web CLEWNORA TRE Lease CNEWSOM ACE # : AFE'S

Field Name: + AST 404 28.7 Rig: State: NM County: San Juan API#

Georgianity Grade, Lerry F. Phone (281) 293 (656) Prod. Engineer F. Moody, Craig F. Phone F. (281) 293 (656)

Res, Engineer: Stannon, Marc. Phone: (281) 293 - 6564 Proj. Field Lead: Bergman, Pat W. Phone: (281) 293 - 6517

Primary Objective (Zones):

Pool Pool Name

FRR BASIN DAKOTA (PRORATED GAS)

Phill Hill

Surface Location:

Latitude: 36.48545 Longfitude: -107.7199 X: Y: Section: 18 Survey: 26N Abstract: 8V

Footage X: 1795 FEL Footage Y: 1725 FSL Elevation: 6222 (FT)

Bottom Hole Location:

Latitude: Longtitude: X: Y: Section: Survey: Abstract:

Location Type : Year Round Start Date (Est.) : Completion Date : Date In Operation :

Formation Data: Assume KB = 6235 Units = FT

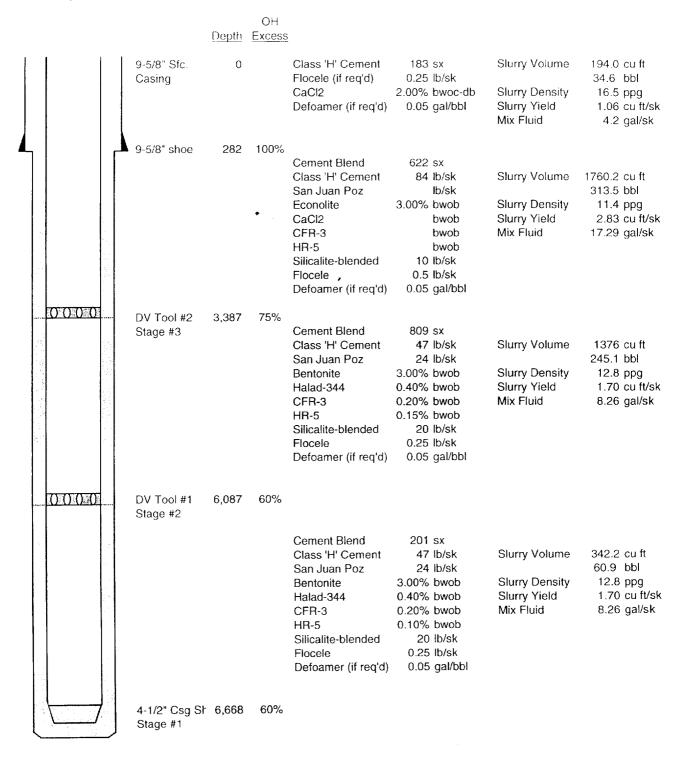
BHP Remarks SS Depletion Formation Call & Depth Casing Points (TVD in Ft) (Ft) (Yes/No) (PSIG) BHT 282 5953 Surface Casing Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface. **OJAM** 1092 5143 Possible water flows" 5093 KRLD 1142 1652 4583 **FRLD** Possible gas 1100 1952 4283 **PCCF** CHRA 2847 3388 CLFH 3537 2698 Gas; possibly well 3627 2608 MENE Gas 4287 1948 PTLK Gas 5427 808 GLLP 6237 -2 **GRHN** Gas possible, highly fractured 6315 -80 **TWLS** Gas PAGU 6405 -170 Gas CBBO 6467 -232 3000 Total Depth 6668

4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open

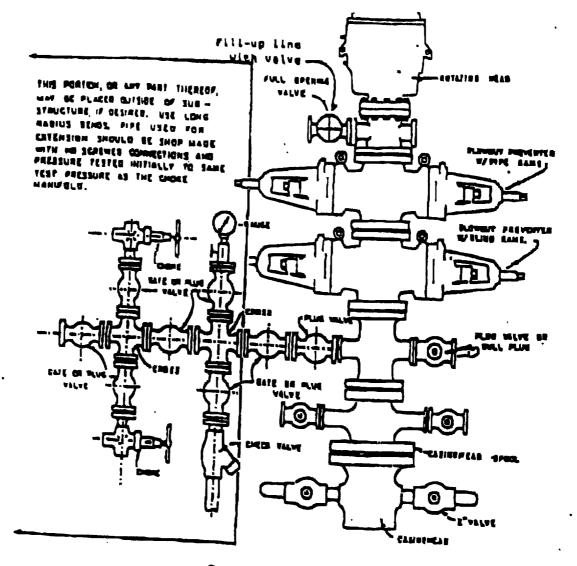
hole logs. Cased hole IDI with GR to surface.



Cementing Summary Newsom 15E



Note: Conoco to confirm DV depths



BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventors because of substructure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the delation of the test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 1000 psi system:

- Two rams with one blind and one pipe ram. 2.
- Kill line (2 inch maximum). 3,
- One kill line valve. 4.
- one choke line valve. 5,
- Two chokes (reference diagram No. 1). 6.
- Upper kelly cock valve with handle. 7.
- Safety valve and subs to fit all drill strings in use. Two-inch minimum choke line. 8, 9,
- 10.
- Pressure gauge on choke manifold. Fill-up line above the upper most preventor. 11.

Cathodic Protection System Description

Anada Bad Tun-	Deep Well	
Anade Bed Type		
Hole Size	a.	
Hole Depth	200° - 200'	As required to place anodes below moisture and in lew resistance strate.
Surface Casing .	8" Diam., 2 20" Length. Gemented in Annular Space	When needed, casing will be installed at an adequate depth to control ground water flow. Casing will extend a minimum of 2' above grade, be surrounded by a concrete pad, and sealed with a PVC cap. Steel casing will be substituted when boulders are ancountered,
Vent Pipe	1" Diam. PVC	Vent pipe will extend from bottom of hole, through top of casing cap, and sealed with a 1° perforated PVC cap.
Type Of Anodes	Cast Iton Or Graphite	
Number Of Anodes	ã - 20	Sufficient quantity to achieve a total anode bed resistance of <1 ohm and a design life ≥ 20 years.
Anode Bed Backfill	Loresco SW Calsined Petroleum Coke Breeze	installed from bottom of hole to 10' above top enode.
Anode Junction Box	8 - 20 Circuit Fiberglass Or Metal	Sealed to provent insact & rodent intrusion.
Current Splitter Box	2 - 5 Circuit Metal	Sealed to prevent insect & rodent intrusion.
DC / AC Cable	DC: #2, #4, #6, #8 Stranded Copper (One Size Or-Any Combination Of) With High Molecular Weight Polyethylens (HMWPE) Insulation. AC: #8 Stranded Copper HMWPE	18" depth in typical situation, 24" depth in roadway, & 36" depth in erreyo's and streams. EXCEPTION: If tranching is in extremely hard substratum, depth will be 8 - 12" with cable installed in conduit. Installed above foreign pipelines if 1' clearance is available, if not, installed under foreign pipeline with 1' clearance (AC cable always installed under loreign pipeline with 1' clearance (AC cable always
Power Source	1) Rectifier 2) Solar Power Unit 3) Thermoelectric Generator	Choice of power source depending on availability of AC & other economic factors.
External Painting	Color to be selected according to BLM specifications.	Paint applied to any surface equipment associated with the CP system which can reasonably be painted.