

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88201
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Name and Address Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102-8260 Jim Linville, Operations Engineer, 405-228-4261		² OGRID Number 6137
		³ API Number 30-015-23703
⁴ Property Code 3467	⁵ Property Name Hondo Sinclair State Com.	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East-West line	County
G	28	18S	28E		1980'	north	1980'	east	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East-West line	County

⁹ Proposed Pool 1

¹⁰ Proposed Pool 2

Wildcat Stream

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation GL 3537.2'
¹⁶ Multiple N/A	¹⁷ Proposed Depth PB to 10,065'	¹⁸ Formation Canyon	¹⁹ Contractor unknown	²⁰ Spud Date 06/24/2002

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8" existing	54.5# J-55	652'	700 sx	surface
12 1/4"	8 5/8" existing	28# S-80	2,650'	1500 sx	surface
7 7/8"	5 1/2" existing	17# L-80	10,743'	1600 sx	1440' CBL

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

Devon plans to plug back this well to approximately 10,065' and recomplete as a Canyon development well. Attached are C102 plat, recompletion procedure, current and proposed schematics, and map.

Strawn

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Candace R. Graham		OIL CONSERVATION DIVISION	
Printed Name: Candace R. Graham X4520		Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Engineering Tech.		Title:	
Date: 06/10/2002	Phone: (405)235-3611	Approval Date: JUN 27 2002	Expiration Date: JUN 27 2003
		Conditions of Approval: Attached <input type="checkbox"/>	

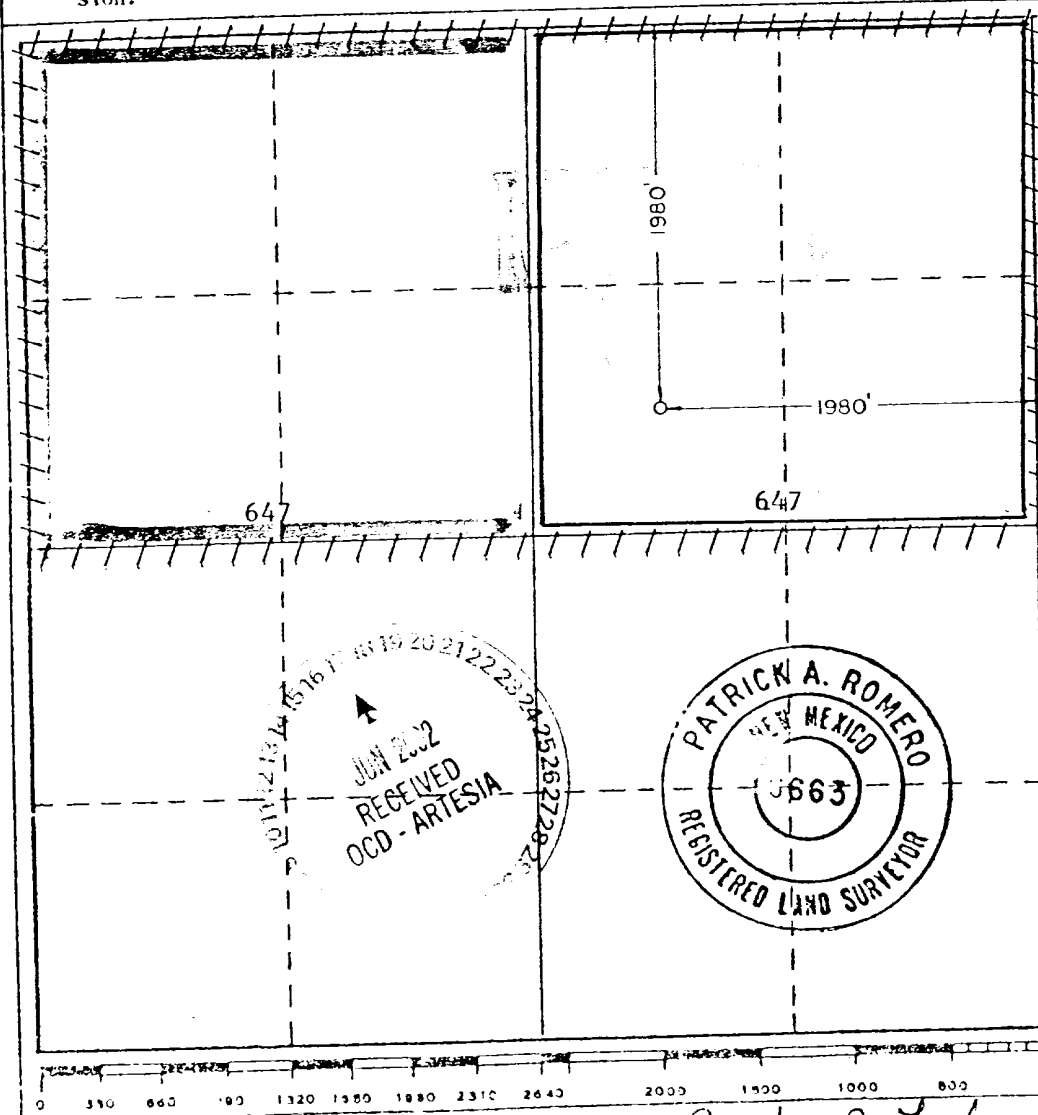
Operator: Devon Energy Production Company, L.P. - Hondo Sinclair State Com. #1					
Hondo Oil & Gas Co. 6137 Hondo Sinclair State					
Unit Letter: G	Section: 28	Township: 18 South	Range: 28 East	County: Eddy	
Actual Plotage Location of Well:					
1980 feet from the north line and		1980 feet from the east line			
Ground Level Elev. 3537.2	Producing Formation Morrow Gas Canyon	Pool Wildcat---Harrow	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) See reverse side for list of owners

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: Patrick A. Romero
 Position: Dist. Dir. Supt.
 Company: ARCO Oil & Gas Company
 Division of Atlantic Richfield
 Date: _____

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: 3-2-81

Registered Professional Engineer and/or Land Surveyor

Patrick A. Romero

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6663
Ronald J. Fulton 3232

Engr. Tech.
 Devon Energy

DEVON ENERGY CORPORATION

Interoffice Correspondence

11/13/2001 12:55 PM

TO: Brad Foster

FROM: W.M. Frank

RE: Re-completion Prognosis
Hondo Sinclair State #1
1,980' FNL & 1,980' FEL
Section 28-T18S-R28E
Eddy County, New Mexico

Well Data: Elevation – 3,550' R.K.B. 3,537' GL

TD - 10,950' PBTD (Top of fish) - 10,628'

Casing - 13-3/8" 54.5# J-55 @ 652' Cmt to Surface
8-5/8" 28# S-80 @ 2,650' Cmt to surface
5-1/2" 17#, L-80 @ 10,743' w/750 sx.
DV @ 7,017' cmt'd w/875 sxs.

2 3/8", 4.7#, N-80, 8rd Tubing
Capacity - 0.0039 Bpf Displacement - 0.00171 Bpf
Burst - 11200 psig new, 8960 psig @ 80%

Procedure

1. Locate and test Deadmen. Blow well to tank until dead.
2. MIRU DDPU.
3. MIRU pump truck and test annulus to 1,000 psig for 15 minutes. Inform OKC if test fails. If annulus tests OK then load tubing with 35 bbls 2% KCl substitute water containing 1 gpt flowback 30 and 1 gpt corrosion inhibitor.
4. ND Tree and NU BOPE. Have tree serviced.
5. Release packer and POOH standing back tubing. Visually inspect tubing while POOH.
6. MIRU electric line company and full lubricator. Use Welex Micro-Seismogram Log of 1/6/82 to correlate CIBP setting depths to (note that Welex log is approximately 3' SHALLOW to open hole Schlumberger logs). TIH with gage ring and junk basket combination. POOH with junk basket. PU and TIH with CIBP and set @ 10,480'. Dump bail 35' of cement on top of CIBP. PU and TIH with CIBP and set @ 10,100'. Dump bail 35' of cement on top of CIBP. POOH with electric line. Load casing with 2% KCl substitute water containing 1 gpt flowback 30 and 1 gpt corrosion inhibitor and test to 1,000 psig for 15 minutes. If casing tests OK then RDMO electric line company.

7. PU and TIH with bit and scraper to 10,000'.
8. MIRU BJ Services. Pump 750 gal 15% HCl acid down tubing to EOT and reverse back up tubing. RDMO BJ Services.
9. POOH with bit and scraper. Lay down excess tubing while POOH.
10. PU and TIH w/ Wireline reentry guide, 5 1/2", 17#, 10K differential packer, On/Off Tool w/1.81" ID Landing Nipple, hydrotesting 2 3/8", N-80 tubing to surface. Set packer @ ±9,290'. Test annulus to 1,000 psig.
11. ND BOPE, NU Tree.
12. Swab fluid level in tubing down to 8,200'.
13. MIRU electric line company and full lubricator. TIH with 1 11/16" GR/CCL guns loaded with 4 spf (11 gr charges, 0.3" EHD, and 22.6" TTP) and perforate the following intervals:

9,470 - 94'	24'	2 spf	48 holes
9,442 - 52'	10'	2 spf	20 holes
9,392 - 9,412'	20'	2 spf	40 holes

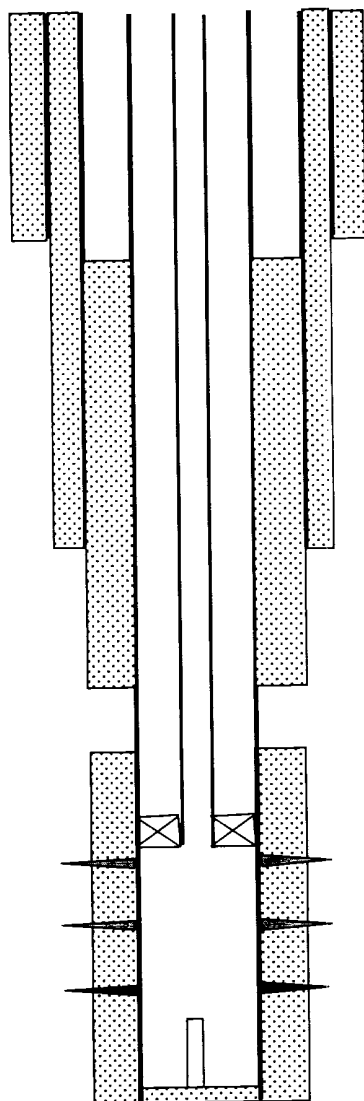
Correlate to Schlumberger open hole porosity log. Let well equalize before starting guns out of hole. RDMO electric line company.

14. Flow and swab well in.
15. MIRU BJ services and tree saver. Pump 5,000 gals 20% HCl acid containing additives as per BJ prog. Drop a total of 200 ball sealers spaced evenly throughout the job. RDMO BJ Services and tree saver.
16. Swab acid job back until well begins to flow. Flow well back until load is recovered.
17. Flow test well. If zone is producing at acceptable rates then begin making upgrades to battery as necessary.
18. Flow well to pit for clean up. Once well has cleaned up, shut well in for 24 hours in preparation for 4-point test.
19. Once 4-point test is complete bring well on to sales. Start well out on 6/64" choke and work up from there. Flow test well to sales reporting rates, pressures, and choke sizes to OKC daily.

DEVON ENERGY CORPORATION

WELLBORE SCHEMATIC

WELL NAME: Hondo Sinclair State Com. #1				FIELD: North Turkey Track (Penn)		
LOCATION: Section 28, T18S, R28E				COUNTY: EDDY		STATE: NM
ELEVATION: GL=3537' - KB=3550'				SPUD DATE: 10/20/81		COMP DATE: 8/29/82
API#:30-015-23703		PREPARED BY: W. M. Frank			DATE: 7/25/97	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 652'	13 3/8"	54.5	J-55	ST&C	17 1/2"
CASING:	0' - 2650'	8 5/8"	28	S-80	ST&C	12 1/4"
CASING:	0' - 10743'	5 1/2"	17	L-80	LT&C	7 7/8"
TUBING:		2 3/8"	4.7	N-80	8 rd	
TUBING:						



☒ CURRENT

☐ PROPOSED

13 3/8" CASING, CMT'D W/700 SXS. CEMENT TO SURFACE.

Tubing String Detail:

330 jts 2 3/8", 4.7#, N-80, 8rd tubing

Baker Lok-Set pkr. @ 10,430' w/Baker EL-2 recepticle (1.81 ID)

8 5/8" CASING, CMT'D W/1500 SXS. CEMENT TO SURFACE.

DV tool @ 7017', cement w/875 sxs.

TOC @ 8658' 1st stage and 1440' 2nd stage, f/CBL OF 1/6/82.

Wolfcamp perms: 8576-88' (24 holes), & 8611-27' (32 holes). Sqzd /w300 sxs.

Atoka perms: 10114-120' (4 spf). Sqzd w/150 sxs.

Morrow perms: 10510-15', & 10530-35' (3 spf). Frac'd w/20 Mgals & 27 Mlbs.

Vann Gun dropped to PBTD. Top of gun @ 10628'.

PBTD @ 10672'

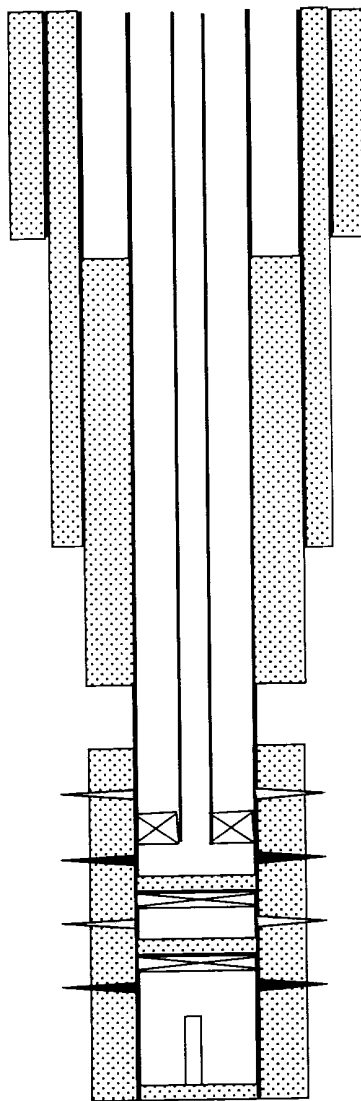
5 1/2" @ 10743'. CASING CMT'D W/750 SXS. CMT.

TD @ 10950'

Hondo current schematic

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Hondo Sinclair State Com. #1			FIELD:			
LOCATION: Section 28, T18S, R28E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3537' - KB=3550'			SPUD DATE: 10/20/81		COMP DATE: 8/29/82	
API#:30-015-23703		PREPARED BY: W. M. Frank			DATE: 10/10/01	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 652'	13 3/8"	54.5	J-55	ST&C	17 1/2"
CASING:	0' - 2650'	8 5/8"	28	S-80	ST&C	12 1/4"
CASING:	0' - 10743'	5 1/2"	17	L-80	LT&C	7 7/8"
TUBING:		2 3/8"	4.7	N-80	8 rd	
TUBING:						



CURRENT



PROPOSED

13 3/8" CASING, CMT'D W/700 SXS. CEMENT TO SURFACE.

Tubing String Detail:

±294 jts 2 3/8", 4.7#, N-80, 8rd tubing

Baker Lok-Set pkr. @ 9290' w/Baker EL-2 recepticle (1.81 ID)

8 5/8" CASING, CMT'D W/1500 SXS. CEMENT TO SURFACE.

DV tool @ 7017', cement w/875 sxs.

TOC @ 8658' 1st stage and 1440' 2nd stage, f/CBL OF 1/6/82.

Wolfcamp perms: 8576-88' (24 holes), & 8611-27' (32 holes). Sqzd /w300 sxs.

Canyon perms: 9392-9412', 9442-52', & 9470-94' (2 spf).

CIBP @ 10100' and capped with 35' cement

Atoka perms: 10114-120' (4 spf). Sqzd w/150 sxs.

CIBP @ 10480' and capped with 35' cement

Morrow perms: 10510-15', & 10530-35' (3 spf). Frac'd w/20 Mgals & 27 Mlbs.

Vann Gun dropped to PBSD. Top of gun @ 10628'.

PBSD @ 10672'

5 1/2" @ 10743'. CASING CMT'D W/750 SXS. CMT.

TD @ 10950'

Recompletion schematic

ILLINOIS CAMP '20

0
186

ARTESIA '21 STATE

8
593

FREEDMAN '22 STATE

2
509

STATE 'CD'



20

21

22

ILLINOIS CAMP

0
112

GARVIN JAMES '22' S

0
214

STATE 'BW' COM

6
235

STATE 'BW'

CROCKETT DAVID '27'

STATE 'BW' COM 17
27 58 2758
384

27

CROCKETT DAVID '27'

150
655

STATE 'BW' CO

5

STATE 'BW' COM

15
56

CROCKETT DAVID '27'

24
135

BURNS SAMUEL '34' S

BURNS SAMUEL '34' S

87
195

BUCHANAN JAMES '33'

0
31

BURNS SAMUEL '34' S

2
12

SHAMROCK



34

33

32

WALKER LEO '33' STA

1
233

BUCHANAN JAMES '33'

172
805

GUERRERO '34' STATE

23
24

SCANLON PAUL '34' S

1
265

STATE /BU/



LEGEND

- MORROW PRODUCERS (Left)
- PENN PRODUCERS (Right)
- MBBL/MMCF

Devon Energy

PB-EDDY & LEA CO NM (LEW)
18S-28E
HONDO SINCLAIR STATE COM #1

Williams, Laura

2/25/02

Scale: 1:24000

185,000,000 sq ft