

Well Name: DAGGER DRAW 31	Well Location: T19S / R25E / SEC 31 / SWNW /	County or Parish/State: EDDY / NM
Well Number: 4	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM84701	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001526740	Well Status: Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc 1/24/2023

Subsequent Report

Sundry ID: 2706524

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 01/09/2023	Time Sundry Submitted: 10:40
Date Operation Actually Began: 11/03/2022	

Actual Procedure: Please find plugging procedure and final wellbore diagram attached for your review. Thank you.

SR Attachments

Actual Procedure

Dagger_Draw_31_Federal_4_Plugged_WBD_20230109104002.pdf

Dagger_Draw_31_Fed_4_P_A_Summary_20230109104001.pdf

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Lease Number: NMNM84701	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001526740	Well Status: Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH CHAPMAN
Signed on: JAN 09, 2023 10:40 AM
Name: SPUR ENERGY PARTNERS LLC
Title: Regulatory Directory
Street Address: 9655 KATY FREEWAY, SUITE 500
City: Houston State: TX
Phone: (832) 930-8613
Email address: SCHAPMAN@SPUREPLLC.COM

Field

Representative Name:
Street Address:
City: State: Zip:
Phone:
Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS
BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927
BLM POC Email Address: jamos@blm.gov
Disposition: Accepted
Disposition Date: 01/10/2023
Signature: James A. Amos

Dagger Draw 31 Federal #4 P&A PJR

11/03/22: MI equipment.

11/04/22: MI rig but too windy to RU.

11/08/22: RU then open well & bleed well down to open top, RU pump & pump 45bbls BW to kill well then ND WH, NU Bop & RU WL then RIH w/ GR-good, RBIH w/ CICR then set at 4916' & RD WL, RU floor then PU 145jts & RIH then SDFN.

11/09/22: RIH to tag retainer-pushed down to 5048' then check rate & was coming up csg, notify BLM & they instructed to set a CIBP above retainer then POOH w/ tbg, RU WL then RIH w/ CIBP but collar locator going off constantly below 4020' & notify BLM- they instruct to pump 200sxs above retainer, POOH w/ CIBP then RD WL & RIH open ended to 5048', **PLUG #1 – mix & pump 200sxs** Class C cement from 5048' to 3887 then POOH w/ tbg, SDFN.

11/10/22: RIH w/ tbg then **tag at 3740'** & called BLM-they wanted a CIBP above plug, POOH w/ tbg then RU WL & RIH to set CIBP at 3735', POOH & RD WL then RIH open ended, **PLUG #2 – mix & pump 25sxs** Class C cement from 3735' to 3595' then POOH w/ tbg, SDFN.

11/11/22: RIH & **tag PLUG #2 at 3552'** then LD tbg to 3435', **PLUG #3 – mix & pump 25sxs** Class C cement from eot at 3435' to toc at 3290' then POOH w/ tbg, RU WL then RIH & perforate at 2242', POOH then RD WL & get injection rate – no rate, notify BLM & they instruct us to perforate 50' higher, RU WL then RIH to perforate at 2188' & RD WL, check for injection rate- no rate then notify BLM & they instruct to spot plug 50' below 1st perforation, POOH w/ tbg & pkr then RBIH open ended, **PLUG #4 – mix & pump 50sxs** Class C cement from eot at 2290' to toc at 2006' then POOH w/ tbg, SDFN.

11/14/22: RIH w/ tbg & **tag PLUG #4 at 1988'** then LD tbg, RU WL then RIH to perforate at 1245' & RD WL, RIH w/ pkr to get injection rate- no rate then notify BLM & they instruct to perforate again 50' higher, RU WL then RIH to perforate at 1193' & RD WL, check injection rate- no rate then notify BLM & they instruct to spot plug below 1st perforation, POOH w/ tbg & pkr then RBIH open ended, **Plug #5 – mix & pump 50sxs** Class C cement from eot at 1284' to 998' then POOH to woc, SDFN will tag in the morning.

11/15/22: RIH & **tag PLUG #5 at 995'** then POOH, RU WL then RIH to perforate at 598' & RD WL, check injection rate- no rate then notify BLM & they instruct to perforate again 50' higher, RU WL then RIH to perforate at 550' & RD WL, check injection rate- no rate & notify BLM then they instruct to spot balance plug to surface, SDFN.

11/16/22: **PLUG #6 – mix & pump 120sxs** Class C cement from 660' to surface then LD tbg, ND Bop then RD floor & verify cement to surface then RDMO.

API #	30-015-26740	County, ST	Eddy County, NM
Operator	Spur Energy Partners	Sec-Twn-Rng	31-19S-25E
Field	Dagger Draw; Upper Penn, North	Footage	2086' FNL and 766' FWL
Spud Date	5/9/1991	Survey	

Dagger Draw 31 Federal #4

Formation (MD)	
San Andres	
Glorieta	2156'
Yeso	
Bone Spring	4997'
Wolfcamp	5265'
Canyon	7548'
Strawn	
Atoka	
Morrow	

RKB	3573'
GL	3563'

Hole Size	14-1/2"
TOC	surf
Method	circ returns

Csg Depth	1195'
Size	9-5/8"
Weight	36ppf
Grade	K55
Connections	STC
Cement	1825sx

Well History

6/17/1991 Perf Cisco/Canyon from 7710'-7810'.
 6/19/1991 Acidize Cisco/Canyon perfs w/ 72bbl 15% NEFE acid and 170 ball sealers. ISIP 1900#, 400# (15min).
 6/20/1991 Acidize Cisco/Canyon perfs w/ 179bbl 15% NEFE acid and 80 ball sealers. ISIP: 1550#, vacuum (6min).
 7/16/1991 Set ESP.
 11/6/1991 Acidize Cisco/Canyon perfs w/ 143bbl 15% NEFE HCL and 150 7/8" ball sealers.
 11/7/1991 Perf Cisco/Canyon from 7582'-7662'.
 11/11/1991 Acidize perfs 7582'-7662' w/ 190bbl 15% NEFE HCL and 220 7/8" ball sealers.
 1/29/1992 PU ESP. Install rod pump.
 12/16/1992 Acidize Cisco/Canyon perfs from 7582'-7810' w/ 119bbl 15% NEFE w/ 250 ball sealers.
 4/14/1993 Ran gyro survey from surf-7800'.
 4/27/1995 Perform PPI job on perfs 7582'-7662', 7710'-7810'.
 10/28/1996 Pump iron sulfide treatment w/ 5bbl xylene + 5bbl 10% SWIC acid. ATP 60psi at 5.7bpm.
 9/2/1997 Perform CIO2 job on Cisco/Canyon perfs 7582'-7810' w/ 7bbl xylene + 119bbl HCL + 190bbl CIO2. ISIP vacuum. ATP 70psi at 5.6bpm.
 5/30/2002 Treat Cisco/Canyon perfs w/ 71bbl 15% HCL w/ 256 7/8" ball sealers.
 1/30/2003 Final report.

Plug #4 -
120'sxs
Class C
660' - surface

Plug #5 -
50'sxs
Class C
1284' - 995'

Plug #2 - 25'sxs Class C
3735' - 3552'
CIBPAT 3735'

Fish In Hole (8/2/2022)

Tubing: +/- 2,930' 2-7/8" Tubing & TAC & SN
 Rods: 149.5 7/8" Rods, Lift Sub & Pump
 TOF @ 4,966'

Plug #1 - 200'sxs Class C
5048' - 3740'

DV Tool
at 4528'

Perforations

7582'-7610' (Cisco/Canyon): 11/8/1991 w/ 4" gun 2spf
 7615'-7648' (Cisco/Canyon): 11/8/1991 w/ 4" gun 2spf
 7650'-7656' (Cisco/Canyon): 11/8/1991 w/ 4" gun 2spf
 7658'-7662' (Cisco/Canyon): 11/8/1991 w/ 4" gun 2spf
 (150 holes)

7710'-7712' (Cisco/Canyon): 6/17/1991 w/ 4" gun 2spf
 7726'-7734' (Cisco/Canyon): 6/17/1991 w/ 4" gun 2spf
 7744'-7755' (Cisco/Canyon): 6/17/1991 w/ 4" gun 2spf
 7769'-7797' (Cisco/Canyon): 6/17/1991 w/ 4" gun 2spf
 7806'-7810' (Cisco/Canyon): 6/17/1991 w/ 4" gun 2spf
 (106 holes)

CICR at 5048'

Tubing Detail (1/17/2003)				
Jts	Size	Depth	Length	Detail
244				2 7/8" J-55 6.5# EUE 8rd tbg
1		7530?		2 7/8" x 7" TAC w/ 45,000# shear
10				2 7/8" J-55 6.5# EUE 8rd tbg
1		7850?		2 7/8" API Standard Seat Nipple
1				1jt- 2 7/8" J-55 6.5# (Open Ended)

Rod Detail (1/21/2003)					
Rods	Size	Depth	Length	Guides	Detail
1	24	0	0		1 1/2" x 24' PR
4	1"	22	22		4 - 1" x 8' x 6' x 4' x 4' EL pony rods
91	1"	2297	2275		91 - 1" EL rods
221	7/8"	7822	5525		221 - 7/8" EL rods
1	1	7824	2		1" x 2' Lift Sub
1	1	7848	24		2 1/2" x 1 1/4" x 24' RHBM pump

Hole Size	8-3/4"
TOC	surf
Method	circ returns

Csg Depth	8050'
Size	7"
Weight	23/26/29ppf
Grade	S95/N80/K55
Connections	LTC/BUT
Cement	1500sx

2 stages
 1: 750sx, 2: 750sx

Last Update	8/22/2022

PBTD	7956'
TD MD	8053'
TD TVD	8053'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 174950

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 174950
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/24/2023