

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Slick Rock Federal #18-4
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT OIL SPRINGS
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR ONSHORE ROYALTIES, LLC		7. OPERATOR PHONE 361 570-1600
8. ADDRESS OF OPERATOR PO Box 2326, Victoria, TX, 77902		9. OPERATOR E-MAIL mhahn@xeogc.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-73704	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	672 FNL 836 FWL	NWNW	18	12.0 S	24.0 E	S
Top of Uppermost Producing Zone	672 FNL 836 FWL	NWNW	18	12.0 S	24.0 E	S
At Total Depth	672 FNL 836 FWL	NWNW	18	12.0 S	24.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 672	23. NUMBER OF ACRES IN DRILLING UNIT 40
27. ELEVATION - GROUND LEVEL 6073	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 226	26. PROPOSED DEPTH MD: 13900 TVD: 13900
28. BOND NUMBER #UTB000644	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE #49-1547 and/or #T-75517 and/or #T-75377	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	14	0 - 40	33.0	Unknown	8.5	Unknown	20	4.5	19.0
Surf	12.25	8.625	0 - 1500	24.0	J-55 ST&C	8.5	Type V	50	2.86	12.0
							Class G	490	1.15	15.8
I1	8.75	7	0 - 7200	29.0	P-110 Other	10.5	Type V	156	2.86	12.0
							50/50 Poz	805	1.26	14.2
Prod	6.125	4.5	0 - 13750	13.5	P-110 Other	13.2	50/50 Poz	1244	1.26	14.2

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Alyssa Andrews	TITLE Operations Engineer	PHONE 720 420-5749
SIGNATURE	DATE 08/31/2015	EMAIL alyssa.andrews@iptenergyservices.com
API NUMBER ASSIGNED 43047554500000	APPROVAL  Permit Manager	

R
23
E

T12S, R24E, S.L.B.&M.

ONSHORE ROYALTIES, LLC

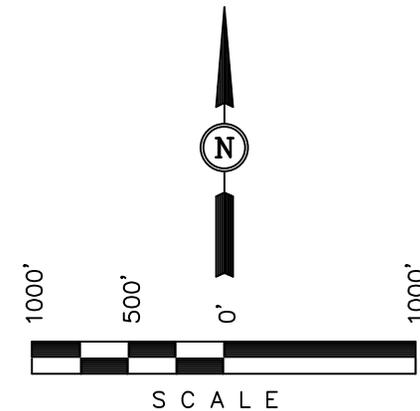
Well location, SLICKROCK FEDERAL #18-4, located as shown in Lot 1 of Section 18, T12S, R24E, S.L.B.&M., Uintah County Utah.

BASIS OF ELEVATION

BENCH MARK 87 EAM LOCATED NEAR A ROAD INTERSECTION IN THE SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT IN THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 08-26-15 H.W.
REVISED: 08-14-07
REVISED: 07-18-07

REGISTERED LAND SURVEYOR
REGISTRATION NO. 6631032
STATE OF UTAH 08-14-15

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-05-07	DATE DRAWN: 07-10-07
PARTY J.R. Z.G. C.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE ONSHORE ROYALTIES, LLC	

Set Marked Stone,
Pile of Stones

S89°59'17"W - 2501.22' (Meas.)

S89°58'37"W - 2643.87' (Meas.)

Set Marked Stone

SLICKROCK FEDERAL #18-4
Elev. Ungraded Ground = 6073'

C.C. 836'
SE Cor. 12,
1922 Brass
1.0' High
Lot 1
#12-24-11-18

Lot 2

18

Lot 3

Lot 4

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N00°23'44"E	532.25'
L2	S36°07'04"W	227.47'

N89°56'E - 5148.00' (G.L.O.)

(AUTONOMOUS NAD 83)
LATITUDE = 39°46'49.22" (39.780339)
LONGITUDE = 109°16'45.53" (109.279314)
(AUTONOMOUS NAD 27)
LATITUDE = 39°46'49.33" (39.780369)
LONGITUDE = 109°16'43.11" (109.278642)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NORTH - 2640.00' (G.L.O.)

N00°03'W - 5280.00' (G.L.O.)

N00°00'16"E - 2644.43' (Meas.)